



I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 9/18/07 Signature: Jo-Ann Bergantino (Jo-Ann Bergantino)

Docket No.: 0110313.00136US2
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: REN, D. et al. Confirmation No.: 9673
Application No.: 10/828,975 Art Unit: 1644
Filed: April 21, 2004 Examiner: M. E. Szperka
Title: A SPERM-SPECIFIC CATION CHANNEL, CATSPER2, AND USES THEREFOR

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated March 19, 2007, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.